

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: August 16, 2005

Inspector: Diana Walden

Location: 345kV XLPE Component

Storm/

Rain Event: Depending on location, between 0.49-0.59" of rain was recorded on 8/15, with possibly higher localized totals as reported by NOAA.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Access Roads and Adjacent Roadways	<p>-The only remaining work area of the jack and bore of East Swamp Brook is the jacking pit which is access from the roadway. The access area in the ball field was restored. 8/16/06.</p> <p>- The silt fence along the ballpark yard was repaired during the restoration. A small area along the ball park access drive remains disturbed due to trailers having parked there 8/16/06</p> <p>- Vault access continues to be necessary in a few locations including #2, 3 and 5. Vehicles were parking in temporarily restored, grassed areas. 8/16/06</p> <p>- Some minor tracking was noted on the newly paved portion of Walnut Hill Rd near vault 2. 8/16/06</p>	<p>- Equipment is demobilizing from the site and grading in the jacking pad. 8/16/06.</p> <p>- Restore this adjacent area when feasible. Continue to monitor the lawn area but it is well restored. 8/16/06</p> <p>- Plan to re-seed these areas after access is complete. 8/16/06</p> <p>-Sweep street if necessary. 8/16/06</p>	<p>- The lawn access area in the ball park was well restored.</p> <p>-Silt fence was repaired. Continue to restore park.</p> <p>- N/A until access is complete.</p> <p>-N/A</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
	<p>-Rt 58 remains closed in this section during repaving operations. Some asphalt tracking was noted along the road 8/16/06</p> <p>-Timber swamp mats were removed from the wetland off Rt. 58 at Hoyts Hill. 8/16/06</p>	<p>- Watch asphalt during repaving and keep the areas as contained as possible. 8/9-8/16/06</p> <p>- 345kV XLPE crews have restored the area. See the wetland section. 8/16/06</p>	<p>-N/A</p> <p>- The mats were removed and the wetland was restored.</p>
Trench and foundation construction	<p>-The J&B is complete. The trench at the jacking pad is backfilled and the pad is being graded. 8/16/06</p>	<p>-See erosion control section for recommendations. 8/16/06</p>	<p>-N/A</p>
	<p>- Repair of guardrails and miscellaneous tasks along Rt 58 remain. Grinding and repaving is currently occurring 8/16/06</p> <p>-Vaults were being accessed along the route to pull and splice cable in a number of locations. 5/25-8/16/06</p>	<p>- Keep asphalt contained. Some tracking was noted 8/16/06</p> <p>-None at this time. 8/16/06</p>	<p>-N/A</p> <p>- N/A</p>
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<p>- Vault access at 2A&B resulted in the need for vehicle parking in the adjacent, temporarily restored areas. 8/16/06</p> <p>-The erosion control blankets remained in place along the bank and the top of slopes were restored, seeded and mulched. 8/16/06</p> <p>- The silt fence along the ball park access was repaired and the lawn area was well restored and seeded 8/16/06</p>	<p>-The area will need to be re-seeded when access is complete. 8/16/06</p> <p>-Continue to monitor until vegetation has established. 8/16/06</p> <p>- Continue to monitor until vegetation has established and restore the adjacent trailer parking area in the park. 8/16/06</p>	<p>-Needs attention when access is complete.</p> <p>-The tops of slope were restored</p> <p>-The lawn area was restored.</p>

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	<ul style="list-style-type: none"> - Grading work continues at the jacking pit pad. The corner of silt fence is down 8/16/06 - Vault 5 is one of the few remaining areas to restore following access. All other areas with temporary parking will need to be reseeded as well. 8/16/06 	<ul style="list-style-type: none"> -Repair the fence when feasible but no stockpiles are located immediately adjacent. 8/16/06 - Continue to monitor and restore when access finishes up. 8/16/06 	<ul style="list-style-type: none"> - Needs attention when feasible - N/A until access is done.
Inland Wetland and Watercourse encroachment and mitigation	<ul style="list-style-type: none"> -The banks of East Swamp Brook remain in good shape. 8/16/06 - Mats were removed from the wetland at the base of slope at Hoyts Hill. The wetland was restored and mulched with straw. One large boulder remains here. 8/16/06 	<ul style="list-style-type: none"> -Continue to monitor until final stabilization 8/16/06 - Continue to monitor until final stabilization. Also confirm that all gravel and stone was removed from this area prior to restoration. 8/16/06 	<ul style="list-style-type: none"> -N/A -The wetland area was restored
State species of concern, threatened and endangered species	<ul style="list-style-type: none"> -The D&M plan and clearance letter states that state-listed species are not located in this work area. -The wood turtle was noted at Plumtree Substation during the 5/25/06 inspection. 	<ul style="list-style-type: none"> - N/A -345kV XLPE crews should also be performing daily walkthroughs before moving equipment if working in this vault. Be vigilant when moving equipment. 4/26-8/16/06 	<ul style="list-style-type: none"> -N/A - Crews were informed
Vegetative clearing limits (including trees to save or danger trees noted)	<ul style="list-style-type: none"> - Most restored areas had noticeable grass growth. A few vaults required parking in previously restored areas. 8/16/06 - The area near vault 5 remains to be restored but the ball park lawn was graded and seeded. 8/16/06 - The jacking pit pad will 	<ul style="list-style-type: none"> - Continue to monitor for final stabilization and restore any recently/ currently accessed areas as necessary. 8/16/06 - Remaining areas will be restored when access needs are complete. 7/5-8/16/06 - Restore when feasible. 	<ul style="list-style-type: none"> - N/A - N/A until access needs are complete -N/A at this time

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	also need restoration when work is complete. 8/3-8/16/06	8/16/06	
Dewatering	- Dewatering appeared to be complete at the jack and bore and was not noted elsewhere on the project. 8/16/06	- Continue to use all necessary controls if still necessary. 8/16/06	- N/A
Soils	- Topsoil remains stripped and stockpiled at the contractor yard. 3/15-8/16/06 - A stockpile is in place at the jacking pit pad. 8/9-8/16/06	- None at this time. Controls are well installed here. 3/15-8/16/06 - See erosion control section	- N/A -N/A
Spills and Material Storage Areas	- Equipment should be stored overnight up to 100ft or as far from resource areas where practicable. 1/19-8/16/06 - Several sandbags remain in the lawn area adjacent to the stream near the jacking pit side. Be sure to remove these before crews leave the area. 8/16/06	- Report spills immediately, even if they are being controlled. - Any fuels and agents not in use should be covered and stored before leaving for the day. - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site.	-N/A at the time - Needs attention before work is complete.

Next likely scheduled inspection:

Wednesday August 23, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden



345kV XLPE: Photo on the left shows vault #2 where splicing and cable work is occurring. Temporarily restored areas were being used for vehicle parking. Reseed when access is complete. Photo on the right shows some minor tracking to the newly paved Walnut Hill Rd. Sweep as necessary. 8/16/06



Photo on the left shows some disturbed areas remaining along the ball park access road. This spot should also be restored to previous conditions when feasible. Photo on the right shows the good efforts to restore the lawn area adjacent to the stream. Silt fence is also in place. 8/16/06



Both photos show the restoration efforts along the stream banks. The tops of slope were seeded and mulched and erosion controls blankets were repaired along the bank. Vegetative cover was beginning to establish here. 8/16/06



Photo on the left shows the wetland at the base of slope at Hoyts Hill. Mats were removed and the area was restored. Photo on the right shows where grinding and repaving is occurring along Rt 58. Watch asphalt tracking to areas outside of the work. 8/16/06